

CYPRESS  
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Cypress Semiconductor



Image may be representation. See specifications for product details.

### CY8C3846AXE-175

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C3846AXE-175                                                                                              |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 8BIT 64KB FLASH 100TQFP                                                                               |
| Datasheets:         |  CY8C3846AXE-175.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5141 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of CY8C3846AXE-175

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C3846AXE-175                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 100TQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 5141 pcs                                                                                                |
| DATA SHEET                       |  CY8C3846AXE-175.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                        |
| SPEED                            | 48MHz                                                                                                   |
| SERIES                           | PSOC® 3 CY8C38xx                                                                                        |
| RAM SIZE                         | 8K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                          |
| PERIPHERALS                      | CapSense, DMA, POR, PWM, WDT                                                                            |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 100-LQFP                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                      |
| NUMBER OF I/O                    | 62                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | 2K x 8                                                                                                  |
| DETAILED DESCRIPTION             | 8051 PSOC® 3 CY8C38xx Microcontroller IC 8-Bit 48MHz 64KB (64K x 8) FLASH 100-TQFP (14x14)              |
| DATA CONVERTERS                  | A/D 16x20b, D/A 4x8b                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                   |
| CORE PROCESSOR                   | 8051                                                                                                    |
| CONNECTIVITY                     | CANbus, EBI/EMI, I²C, LINbus, SPI, UART/USART                                                           |
| BASE PART NUMBER                 | CY8C3846                                                                                                |

#### Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Cypress Semiconductor CY8C3846AXE-175 | CY8C3846AXE-175 Distributor                | CY8C3846AXE-175 Supplier                  |
| CY8C3846AXE-175 Price                 | CY8C3846AXE-175 Pictures                   | CY8C3846AXE-175 Image                     |
| CY8C3846AXE-175 PDF Datasheet         | CY8C3846AXE-175 Download Datasheet         | CY8C3846AXE-175 Datasheet                 |
| CY8C3846AXE-175 Stock                 | Buy CY8C3846AXE-175                        | Buy Cypress Semiconductor CY8C3846AXE-175 |
| Cypress Semiconductor CY8C3846AXE-175 | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor CY8C3846AXE-175 | Cypress Semiconductor Corp CY8C3846AXE-175 |                                           |

#### Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
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|  <div><b>CY8C3846PVE-174</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: 4737 pcs<br/><div>RFQ</div></div>  |  <div><b>CY8C3666PVI-026</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: 4990 pcs<br/><div>RFQ</div></div>  |
|  <div><b>CY8C3666PVA-180</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: 5343 pcs<br/><div>RFQ</div></div>  |  <div><b>CY8C3865AXA-018</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 2712 pcs<br/><div>RFQ</div></div> |
|  <div><b>CY8C3865AXA-056</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 5286 pcs<br/><div>RFQ</div></div> |  <div><b>CY8C3845PVE-173</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 4737 pcs<br/><div>RFQ</div></div> |
|  <div><b>CY8C3666PVI-022</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: 5634 pcs<br/><div>RFQ</div></div>  |  <div><b>CY8C3846AXE-176</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: 5145 pcs<br/><div>RFQ</div></div> |
|  <div><b>CY8C3865AXA-019</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 3410 pcs<br/><div>RFQ</div></div> |  <div><b>CY8C3865AXA-015</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 5335 pcs<br/><div>RFQ</div></div> |
|  <div><b>CY8C3666PVI-041</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: 4455 pcs<br/><div>RFQ</div></div>  |  <div><b>CY8C3666PVI-057</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: 4831 pcs<br/><div>RFQ</div></div>  |